ELSEVIER

Gene Structure and Expression

Vol. 1309, 1996

BIOCHIMICA ET BIOPHYSICA ACTA
BBA

Cumulative Contents

Editorial

Changes in *Biochimica et Biophysica Acta* — a new elan
P.C. van der Vliet *vii*

Information for Contributors *xi*

Short sequence-papers and Promoter paper

Structure of the human retinoic acid receptor β1 gene
A. Toulouse, J. Morin, M. Pelletier and W.E.C. Bradley (Canada) 1

Identification and analysis of the complete cDNA sequence for the human FAC1 gene
P. Zhu and R. Bowser (USA) 5

A tick homologue of the human Ki nuclear autoantigen
G.C. Paesen and P.A. Nuttall (UK) 9

INMP, a novel intranuclear matrix protein related to the family of intermediate filament-like proteins: molecular cloning and sequence analysis
K. Menz, N. Radomski and E. Jost (Germany) 14

Cloning and expression of the cDNA for mouse NAD^+-dependent 15-hydroxyprostaglandin dehydrogenase
M. Matsuo, C.M. Ensor and H.-H. Tai (USA) 21

Molecular characterisation of the *Xenopus laevis* chaperonin gene *Cctg*
N.A. Walkley, R.A. Page and A.N. Malik (UK) 25

Cloning and sequencing of cDNA encoding 4-aminobenzoate hydroxylase from *Agaricus bisporus*
H. Tsuji, T. Oka, M. Kimoto, Y.-M. Hong, Yasuo Natori and T. Ogawa (Japan) 31

Primary sequences of rat μ-calpain large and small subunits are, respectively, moderately and highly similar to those of human
H. Sorimachi, S. Amano, S. Ishiura and K. Suzuki (Japan) 37

Isolation and characterization of the *Bacillus subtilis* tryptophanyl-tRNA synthetase gene (*trpS*) conferring 5-fluorotryptophan resistance and temperature sensitivity
K.-C. Chow and J. Tze-Fei Wong (Hong Kong) 42

Molecular cloning and characterization of the ABC transporter expressed in Trachea (*ATET*) gene from *Drosophila melanogaster*
H. Kuwana, K. Shimizu-Nishikawa, H. Iwahana and D. Yamamoto (Japan) 47

A putative pyruvate dehydrogenase α subunit gene from *Trypanosoma cruzi*
C.A. Buscaglia, G.D. Pollevick, C. Veloso, M. Lorca, A.C.C. Frasch and D.O. Sánchez (Argentina, Chile) 53

Cloning of the cDNA for a rat intestinal Na^+/dicarboxylate cotransporter reveals partial sequence homology with a rat intestinal mucin
I.A. Khatri, S.V.B. Kovacs and J.F. Forstner (Canada) 58

Structural characterization of bovine CD36 from the milk fat globule membrane
L. Berglund, T.E. Petersen and J.T. Rasmussen (Denmark) 63

The cloning and sequencing of a ribosomal L18 protein from an evolutionary divergent eukaryote, *Trypanosoma brucei*
L.J. Coulter and G. Hide (UK) 69

Cloning and characterization of *Xenopus laevis xSox7* cDNA
M. Shiozawa, Y. Hiraoka, N. Komatsu, Motoyuki Ogawa, Y. Sakai and S. Aiso (Japan) 73

Molecular cloning and sequencing of a novel human P2 nucleotide receptor
M.C. Southey, F. Hammet, A.-M. Hutchins, M. Paidhungat, G.R. Somers and D.J. Venter (Australia) 77

Sequence analysis and expression of the *Penicillium chrysogenum* nitrate reductase encoding gene (*niaD*)
H. Haas, F. Marx, S. Graessle and G. Stöffler (Austria) 81

Structure of the rat collagen IV promoter
J.P. Grande, D.C. Melder, D.L. Kluge and E.D. Wieben (USA) 85

Regular papers

Cloning and characterization of the cDNA encoding human biliverdin-IXα reductase
A. Komuro, T. Tobe, Y. Nakano, T. Yamaguchi and M. Tomita (Japan) 89

A prespore-specific gene of *Dictyostelium discoideum* encodes the small subunit of ribonucleotide reductase
A. Tsang, C. Bonfils, G. Czaika, A. Shtevi and C. Grant (Canada) 100

Expression of glutamyl-tRNA reductase in *Escherichia coli*
W. Chen, L. Wright, S. Lee, S.D. Cosloy and C.S. Russell (USA) 109

Analysis of the interaction between bovine mitochondrial 28 S ribosomal subunits and mRNA
M.A. Farwell, J. Schirawski, P.W. Hager and L.L. Spremulli (USA) 122

Characterisation of a DNA pairing activity copurifying with DNA ligase in a partially purified extract from rat testis
S. Acharya, N.R. Choudhury and M.R.S. Rao (India) 131

Single-stranded DNA binding protein from bacteriophage cf: characterization, gene localization and protein-ssDNA complex
W.-P. Chen, C.-M. Cheng, A.H.-J. Wang and Tsong-Teh Kuo (Taiwan, ROC, USA) 147

Mutations in yeast ribosomal proteins S28 and S4 affect the accuracy of translation and alter the sensitivity of the ribosomes to paromomycin
D. Synetos, C.P. Frantziou and L.E. Alksne (Greece, USA) 156

Information for Contributors *vii*

Short sequence-papers and Promotor papers

Sequence specific binding of cytosolic proteins to a 12 nucleotide sequence in the 5′ untranslated region of FMR1 mRNA
H. Iber (USA) 167

Molecular cloning of a cDNA encoding a *Xenopus laevis* 70-kDa heat shock cognate protein, hsc70.II
A. Ali, L. Salter-Cid, M.J. Flajnik and J.J. Heikkila (Canada, USA) 174

Characterization of the human germ cell nuclear factor gene
U. Süsens and U. Borgmeyer (Germany) 179

A cDNA encoding a putative 37 kDa leucine-rich repeat (LRR) protein, p37NB, isolated from S-type neuroblastoma cell has a differential tissue distribution
D. Kim, M.P. LaQuaglia and S. Young Yang (USA) 183

Cotranscription of a GTPase gene from the cyanobacterium *Synechocystis* PCC 6803 and a P-type Ca^{2+}-ATPase gene
M. Geisler, B. Jakobs, J. Richter and J. Schumann (Germany) 189

Molecular cloning of a cDNA encoding an antigen which is salt-stably attached to centrosomes
A. Angiolillo, I. Batova, G. Joswig and D. Werner (Italy, Bulgaria, Germany) 194

Cloning and functional characterization of a rat urea transporter: expression in the brain
C. Couriaud, P. Ripoche and G. Rousselet (France) 197

hDIP – a potential transcriptional regulator related to murine TSC-22 and *Drosophila shortsighted* (*shs*) – is expressed in a large number of human tissues
P. Vogel, H.-J. Mägert, A. Cieslak, K. Adermann and W.-G. Forssmann (Germany) 200

Molecular cloning of a novel ADP-ribosylation factor (ARF) expressed in planarians
O. Saitoh, T. Oshima, K. Agata, K. Watanabe and H. Nakata (Japan) 205

Promoter of the gene encoding the bovine catalytic subunit of cAMP-dependent protein kinase isoform Cβ2
S. Wiemann, B. Steuer, A. Alonso, V. Kinzel and W. Pyerin (Germany) 211

Molecular cloning and analysis of the 5′-flanking region of the rat PP1α gene
K. Nomoto, N. Shibata, K. Kitamura, Y. Mizuno and K. Kikuchi (Japan) 221

Regular papers

Peptide nucleic acids directed to the promoter of the α-chain of the interleukin-2 receptor
D. Praseuth, M. Grigoriev, A.-L. Guieysse, L.L. Pritchard, A. Harel-Bellan, P.E. Nielsen and C. Hélène (France, USA, Denmark) 226

Negative transcriptional regulation of the chicken Na^+/K^+-ATPase α1-subunit gene
H.-Y. Yu, S. Nettikadan, D.M. Fambrough and K. Takeyasu (USA, Japan) 239

Tissue distribution of three members of the murine protein disulfide isomerase (PDI) family
N. Marcus, D. Shaffer, P. Farrar and M. Green (USA) 253

Cumulative contents, Vol. 1309 261

Author index 264